

WHAT IS CLAIMED IS:

1. A resin-coated-paper-based support for an imaging material which support comprises a base paper and a sheet of a resin having film formability coated at least on a side of the base paper where an image is to be formed characterized in that the resin sheet on the side where an image is to be formed and the base paper have a multi-layered structure each.

2. The support of claim 1, wherein, in the base paper, a paper layer adjacent to the resin sheet on the side where an image is to be formed has a thickness of at least 10 μm and is composed of a natural pulp beaten to an average fiber length of 0.3 to 0.5 mm.

3. The support of claim 1, wherein, in the base paper, any paper layer is composed of a pulp having an average fiber length of 0.8 mm or less and at least one paper layer is composed of a pulp having an average fiber length of over 0.5 mm.

4. The support of claim 3, wherein the paper layer composed of a pulp having an average fiber length of over 0.5 mm has a thickness equivalent to, or greater than, 50 % of the thickness of the base paper as a whole.

5. The support of claim 1, wherein an uppermost layer of the resin sheet on the side where an image is to be formed contains at least one resin having a higher density, a higher melting point or both than a resin of other layer.

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8. The support of claim 6, wherein the base paper is two-layer structured to have a layer composed of a broad-leaved tree kraft pulp beaten to an average fiber length of 0.3 to 0.5 mm and a layer composed of a pulp composition which is beaten to an average fiber length of 0.5 to 0.8 mm and contains at least 80 % by weight of a broad-leaved tree kraft pulp.

9. The support of claim 6, wherein the polyolefin resin sheet on the side where an image is to be formed has a multi-layered structure.

10. The support of claim 9, wherein the polyolefin resin sheet has a two-layer structure formed by consecutive extrusion coating.

11. A support for an imaging material, which is formed of a paper substrate composed mainly of a natural pulp and a multi-layered resin sheet coated at a front surface of the paper substrate where an image-forming layer is to be formed, characterized in that an upper layer (surface layer) A in the multi-layered sheet contains at least 50 % by weight of a polyethylene-based resin (a) having a density of at least 0.940 g/cm^3 and has a thickness equivalent to, or smaller than, 50 % of a thickness of the multi-layered resin sheet, that a lower layer (or each of lower layers present below the surface layer) B contains a largest amount of a polyethylene-based resin (b) having a density of less than 0.940 g/cm^3 among polyethylene-based resins in the layer(s) B, and that the paper substrate is composed mainly of a natural pulp having an average fiber length of 0.45 to 0.65 mm.

12. The support of claim 11, wherein a surface of the paper substrate on a side opposite to the side where an image-forming layer is to be formed is coated with a resin sheet (C) containing a resin (c) having film formability.

13. The support of claim 12, wherein the resin (c) having film formability is a polyethylene-based resin.

14. The support of claim 11, wherein total polyethylene-based resin components of the upper layer (A) have an average density of at least 0.940 g/cm³.

15. The support of claim 11, wherein total polyethylene-based resin components of the lower layer (B) have an average density of 0.928 g/cm³ or less.

16. The support of claim 11, wherein the natural pulp is a broad-leaved tree bleached kraft pulp.

17. The support of claim 11, wherein the multi-layered resin sheet is composed of an uppermost layer, an intermediate layer and a lowermost layer.

18. The support of claim 11, wherein at least a lowermost layer and an uppermost layer of the multi-layered resin sheet are formed by a consecutive extrusion coating method.

19. The support of claim 11, wherein the support is a product produced at a production speed or base paper running speed of at least 250 m/minute.

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